**c. ) Amendments to the Claims**

    1.  (currently amended) <u>In a computer apparatus having a processor and a display for portraying computer-generated graphic objects, the computer being controllable through user interactions with graphic objects on the</u>

5   <u>display, a</u> ~~A~~ method for creating and manipulating graphic charts, said method comprising:

    displaying graphic control devices <u>on said display</u> that are controllable by a user to change numeric values of said graphic control devices;

    selectively associating each of said graphic control devices to respective

10   numeric settings and text labels so that said numeric values of said graphic control devices correspond to chart components to be displayed in a graphic chart that is being created, including the further steps of;

    drawing a first arrow <u>that appears on said display</u> to select at least some of said graphic control devices, and modifying said first arrow to specify a type

15   of graphic chart to be displayed;

    and

    displaying said chart components <u>on said display</u> of said at least some graphical control devices in said type of graphic chart, each of said chart components visually representing a respective one of said numeric values of

20   said at least some graphic control devices.


    2.  (currently amended) The method of claim 1 further comprising:

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changing a numeric value of a selected graphic control device of said

graphic control device; and

changing the size of one of said chart components on said display that

corresponds to said selected graphic control device to reflect said changing of

5    said numeric value.


3.    (currently amended) In a computer apparatus having a processor and

a display for portraying computer-generated graphic objects, the computer

being controllable through user interactions with graphic objects on the

10   display, a A method for creating and manipulating graphic charts, said method

comprising:

displaying graphic control devices on said display that are controllable

by a user to change numeric values of said graphic control devices;

selectively associating said graphic control devices to a graphic chart to

15   be created so that said numeric values of said graphic control devices

correspond to chart components of said graphic chart;

displaying said chart components on said display to create said graphic

chart, said chart components visually representing said numeric values of said

graphic control devices;

20   deleting a selected graphic control device of said graphic control devices;

and

removing from said display a chart component that corresponds to said

selected graphic control device from said graphic chart.


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4.    (currently amended) <u>In a computer apparatus having a processor and a display for portraying computer-generated graphic objects, the computer being controllable through user interactions with graphic objects on the</u>

5    <u>display, a</u> A method for creating and manipulating graphic charts, said method comprising:

displaying graphic control devices <u>on said display</u> that are controllable by a user to change numeric values of said graphic control devices;

selectively associating said graphic control devices to a graphic chart to

10    be created so that said numeric values of said graphic control devices correspond to chart components of said graphic chart;

displaying said chart components <u>on said display</u> to create said graphic chart, said chart components visually representing said numeric values of said graphic control devices;

15    associating an additional graphic control device having a numeric value to said graphic chart; and

inserting an additional chart component into said graphic chart <u>on said display</u> in response to said associating of said additional graphic control device, said additional chart component corresponding to said additional

20    graphic control device such that said numeric value of said additional graphic control device is visually represented by said additional chart component.

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5.   (original)  The method of claim 1 wherein said displaying of said graphic control devices includes programming said graphic control devices with at least one of text and numeric value.

5    6.   (currently amended)  The method of claim 1 further comprising displaying a chart key on said display that corresponds to said graphic chart, said chart key including informational data associated with said chart components of said graphic chart.

10    7.   (original)  The method of claim 6 wherein said informational data associated with said chart components included in said chart key comprises one of label, color, relative percentage, and a numeric value.

8.   (currently amended)  The method of claim 6 further comprising:

15    changing an element of said informational data; and

changing related elements in said graphic control devices and said graphic chart on said display in response to said changing of said element of said informational data.

20    9.   (currently amended)  The method of claim 6 further comprising:

changing a numeric value of a selected graphic control device of said graphic control device;

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changing the size of one of said chart components on said display that

corresponds to said selected graphic control device in response to said

changing of said numeric value; and

changing said information data included in said chart key to reflect said

5    changing of said numeric value.


10. (currently amended) In a computer apparatus having a processor and

a display for portraying computer-generated graphic objects, the computer

being controllable through user interactions with graphic objects on the

10   display, a A method for creating and manipulating graphic charts, said method

comprising:

displaying graphic control devices on said display that are controllable

by a user to change numeric values of said graphic control devices;

selectively associating said graphic control devices to a graphic chart to

15   be created so that said numeric values of said graphic control devices

correspond to chart components of said graphic chart;

displaying said chart components on said display to create said graphic

chart, said chart components visually representing said numeric values of said

graphic control devices;

20   associating an additional graphic control device having a numeric value

to said graphic chart and a second graphic chart; and

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inserting a first additional chart component into said graphic chart <u>on</u> <u>said display</u> and a second additional chart component into said second graphic chart <u>on said display</u> in response to said associating of said additional graphic control device, said first and second additional chart components

5    corresponding to said additional graphic control device such that said numeric value of said additional graphic control device is visually represented <u>on said</u> <u>display</u> by said first and second additional chart components.

11. (original) The method of claim 10 further comprising:

10    changing said numeric value of said additional graphic control device; and

changing the size of said first and second additional chart components to reflect said changing of said numeric value.

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12. (currently amended) The method of claim 10 further comprising displaying a first chart key <u>on said display</u> that corresponds to said graphic chart and a second chart key <u>on said display</u> that corresponds to said second graphic chart, said first chart key including first informational data associated

20    with chart components of said graphic chart, said second chart key including second informational data associated with chart components of said second graphic chart.

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13. (original)  The method of claim 12 further comprising:

changing an element of said first informational data associated with said

additional graphic control device; and

changing related elements in said additional graphic control device, said

5     graphic chart, said second graphic chart, and said second information data in

response to said changing of said element of said first informational data.


14. (currently amended)  A storage medium readable by a computer,

tangibly embodying a program of instructions executable by said computer to

10    perform method steps for creating and manipulating graphic charts, In a

computer apparatus having a processor and a display for portraying computer-

generated graphic objects, the computer being controllable through user

interactions with graphic objects on the display, a method for creating and

manipulating graphic charts on the display,

15        said method steps comprising:

displaying graphic control devices on said display that are controllable

by a user to change numeric values of said graphic control devices;

selectively associating said graphic control devices to a graphic chart to

be created so that each of said numeric values of said graphic control devices

20    correspond to a respective one of the chart components of said graphic chart;

said step of selectively associating said graphic control devices to a

graphic chart including drawing a first arrow to select at least some of said

graphic control devices, and modifying said first arrow to specify a type of

graphic chart to be displayed;

9

and

displaying said chart components <u>on said display</u> corresponding to said

at least some graphical control devices in said type of graphic chart, said chart

components visually representing said numeric values of said at least some

5      graphic control devices.


15. (currently amended)  The ~~storage medium~~ <u>computer apparatus</u> of

claim 14 further comprising:

changing a numeric value of a selected graphic control device of said

10     graphic control device; and

changing the size of one of said chart components that corresponds to

said selected graphic control device to reflect said changing of said numeric

value.


16. (currently amended)  ~~A storage medium readable by a computer,~~

15     ~~tangibly embodying a program of instructions executable by said computer to~~

~~perform method steps for creating and manipulating graphic charts,~~ ) <u>In a</u>

<u>computer apparatus having a processor and a display for portraying computer-</u>

<u>generated graphic objects, the computer being controllable through user</u>

<u>interactions with graphic objects on the display, a method for creating and</u>

20     <u>manipulating graphic charts on the display</u>, said method steps comprising:

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displaying graphic control devices <u>on said display</u> that are controllable

by a user to change numeric values of said graphic control devices;

selectively associating said graphic control devices to a graphic chart to

be created so that said numeric values of said graphic control devices

5   correspond to chart components of said graphic chart;

displaying said chart components <u>on said display</u> to create said graphic

chart, said chart components visually representing said numeric values of said

graphic control devices;

deleting a selected graphic control device of said graphic control devices;

10   and

removing a chart component <u>on said display</u> that corresponds to said

selected graphic control device from said graphic chart.


17. (currently amended)   A storage medium readable by a computer,

15   tangibly embodying a program of instructions executable by said computer to

perform method steps for creating and manipulating graphic charts, ) <u>In a</u>

<u>computer apparatus having a processor and a display for portraying computer-</u>

<u>generated graphic objects, the computer being controllable through user</u>

<u>interactions with graphic objects on the display, a method for creating and</u>

20   <u>manipulating graphic charts on the display</u>, said method steps comprising:

displaying graphic control devices <u>on said display</u> that are controllable

by a user to change numeric values of said graphic control devices;

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selectively associating said graphic control devices to a graphic chart to

be created so that said numeric values of said graphic control devices

correspond to chart components of said graphic chart;

displaying said chart components on said display to create said graphic

5    chart, said chart components visually representing said numeric values of said

graphic control devices;

associating an additional graphic control device having a numeric value

to said graphic chart; and

inserting an additional chart component into said graphic chart on said

10    display in response to said associating of said additional graphic control

device, said additional chart component corresponding to said additional

graphic control device such that said numeric value of said additional graphic

control device is visually represented by said additional chart component.


15        18. (currently amended)  The storage medium computer apparatus of

claim 14 wherein said displaying of said graphic control devices includes

programming said graphic control devices with at least one of text and numeric

value.


20        19. (currently amended)  The storage medium computer apparatus of

claim 14 further comprising displaying a chart key on said display that

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corresponds to said graphic chart, said chart key including informational data
associated with said chart components of said graphic chart.


20. (currently amended) The ~~storage medium~~ <u>computer apparatus</u> of

5    claim 19 wherein said informational data associated with said chart

components included in said chart key comprises one of label, color, relative

percentage, and a numeric value


10    21. (currently amended) The ~~storage medium~~ <u>computer apparatus</u> of

claim 19 further comprising:

changing an element of said informational data; and

changing related elements in said graphic control devices and said

graphic chart in response to said changing of said element of said informational

15   data.


22. (currently amended) The ~~storage medium~~ <u>computer apparatus</u> of

claim 19 further comprising:

changing a numeric value of a selected graphic control device of said

graphic control device;

20      changing the size of one of said chart components that corresponds to

said selected graphic control device in response to said changing of said

numeric value; and

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changing said information data included in said chart key to reflect said

changing of said numeric value.

     23. (currently amended) ~~A storage medium readable by a computer,~~

5   ~~tangibly embodying a program of instructions executable by said computer to~~

~~perform method steps for creating and manipulating graphic charts,~~ <u>In a</u>

<u>computer apparatus having a processor and a display for portraying computer-</u>

<u>generated graphic objects, the computer being controllable through user</u>

<u>interactions with graphic objects on the display, a method for creating and</u>

10  <u>manipulating graphic charts on the display</u>, said method steps comprising:

     displaying graphic control devices <u>on said display</u> that are controllable

by a user to change numeric values of said graphic control devices;

     selectively associating said graphic control devices to a graphic chart to

be created so that <u>each of</u> said numeric values of said graphic control devices

15  correspond to chart components of said graphic chart;

     displaying said chart components to create said graphic chart, said chart

components visually representing said numeric values of said graphic control

devices;

     associating an additional graphic control device having a numeric value

20  to said graphic chart and a second graphic chart; and

     inserting a first additional chart component into said graphic chart <u>on</u>

<u>said display</u> and a second additional chart component into said second graphic

chart <u>on said display</u> in response to said associating of said additional graphic

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control device, said first and second additional chart components

corresponding to said additional graphic control device such that said numeric

value of said additional graphic control device is visually represented by said

first and second additional chart components.

5

24. (currently amended) The ~~storage medium~~ computer apparatus of

claim 23 further comprising:

changing said numeric value of said additional graphic control device;

and

10        changing the size of said first and second additional chart components to

reflect said changing of said numeric value.

25. (currently amended) The ~~storage medium~~ computer apparatus of

claim 23 further comprising displaying a first chart key that corresponds to said

15    graphic chart and a second chart key that corresponds to said second graphic

chart, said first chart key including first informational data associated with

chart components of said graphic chart, said second chart key including second

informational data associated with chart components of said second graphic

chart.

20

26. (currently amended) The ~~storage medium~~ computer apparatus of

claim 25 further comprising:

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changing an element of said first informational data associated with said

additional graphic control device; and

changing related elements in said additional graphic control device, said

graphic chart, said second graphic chart, and said second information data in

5       response to said changing of said element of said first informational data.


27. (currently amended)  The method of claim 1, wherein said

modifying step includes drawing a second, modifier arrow to intersect said first

arrow, displaying a text cursor at the head end of said modifier arrow, and

10      entering at said text cursor a modifier word that describes said type of graphic

chart.


28. (currently amended)  The storage medium computer apparatus of

claim 14, wherein said modifying step includes drawing a second, modifier

15      arrow to intersect said first arrow, displaying a text cursor at the head end of

said modifier arrow, and entering at said text cursor a modifier word that

describes said type of graphic chart.


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